



JOINT INVENTORS

Declaration, Power of Attorney and Petition

RECEIVED

FEB 14 1988

GROUP 120

As a below named inventor, I hereby declare that:

My residence, citizenship and post office address are as stated below next to my name, that

I have read the attached specification and claims and verily believe myself to be the original, first, and joint inventor of the invention or discovery in "Oligo-heteropolysaccharides having a heparin-like activity, method for their preparation and pharmaceutical compositions based thereon" described and claimed in the attached specification and claims; that

I do not know and do not believe that said invention or discovery was ever known or used by others in the United States before my invention or discovery thereof; that to the best of my knowledge and belief said invention or discovery has not been patented or described in any printed publication in any country before my invention or discovery thereof or more than one year prior to the date of this application, or in public use or on sale in the United States more than one year prior to the date of this application, or patented or made the subject of an inventor's certificate in any country foreign to the United States prior to the date of this application on an application filed by me or my legal representatives or assigns, more than twelve months prior to the date of this application; that I acknowledge my duty to disclose information of which I am aware which is material to the examination of this application; and that the earliest application(s) for patent or for an inventor's certificate on said invention or discovery filed by me or my legal representatives or assigns, in any country foreign to the United States is (are):

ITALY: Patent Application No. 26608 A/77 filed on AUGUST 9, 1977
the right of priority of which application(s) Serial No.(s) 26608 A/77, is claimed.

I hereby declare further that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that wilful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such wilful false statements may jeopardize the validity of the application or any patent issued thereon.

And I hereby appoint Cushman, Darby & Cushman, Eighth Floor, 1801 K Street, N.W., Washington, D.C. 20006, telephone number 833-3000 (to whom all communications about this application are to be directed), and each partner thereof (named below with Registration Nos. and of the same address):

John W. Malley	13821	Raymond F. Lippitt	17519	Edward M. Prince	22429	Arthur R. Crawford	25327
Paul N. Kokulis	16773	G. Lloyd Knight	17698	Donald B. Deaver	23048	W. Warren Tallavall	25647
Allen Kirkpatrick	16749	Carl G. Love	18781	David W. Brinkman	20817	Michael L. Keller	26751
David E. Varner	15855	Lawrence A. Hymo	19057	George M. Sirlia	18221	Charles R. Donohoe	24546
Lloyd J. Street	17223	Akin T. Davis	15973	William T. Bullinger	25503	Sherman O. Parrell	25905
George T. Mobille	17233	Edgar H. Martin	20534	Donald J. Bird	25323	Robert A. Vanderhye	27076
James L. Dooley	17353	William K. West, Jr	22057	Larry S. Nixon	25640	Watson T. Scott	26581
Alvin Guttig	17511	Kevin E. Joyce	20508	James R. Longacre	24421		

my attorney with full power of substitution and revocation, to prosecute this application, to receive the patent, and to transact all business in the Patent and Trademark Office connected therewith, and I hereby specify the following as the correspondence address to which all communications about this application are to be directed:

SEND CORRESPONDENCE TO: CUSHMAN DARBY & CUSHMAN, Eighth Floor, 1801 K Street N.W. - WASHINGTON D.C. 20006

Wherefore we pray that Letters Patent be granted to us for the invention or discovery described and claimed in the attached specification and claims, and we hereby subscribe our names to the attached specification and claims and to this Declaration, Power of Attorney and Petition.

FIRST JOINT INVENTOR:

Full name: Fernando FUSSI
First name Middle initial Last name
Signature: Fernando Fussi Date: July 25, 19 78
First name Middle initial Last name
Residence: LESMO (Milan), Italy
Citizenship: Italian
Post Office Address: Via Ugo Foscolo, 31 - LESMO (Milan), Italy

SECOND JOINT INVENTOR:

Full name: Gianfranco FEDELI
First name Middle initial Last name
Signature: Gianfranco Fedeli Date: July 25, 1978
First name Middle initial Last name
Residence: MILAN, Italy
Citizenship: Italian
Post Office Address: Via Zante, 19 - MILAN, Italy

THIRD JOINT INVENTOR:

Full name: _____
First name Middle initial Last name
Signature: _____ Date: _____, 19 ____
First name Middle initial Last name
Residence: _____
Citizenship: _____
Post Office Address: _____

Assignment

Whereas, we, Fernando FUSSI and Gianfranco FEDELI
of LESMO and MILAN
State of Italy ha ve invented new and useful improvements
in "Oligo-heteropolysaccharides having a heparin-like activity method
for their preparation and pharmaceutical compositions based thereon"
for which we are about to make an application for
Letters Patent of the United States:

And Whereas, HEPAR CHIMIE S.A.

of FRIBOURG
State of Switzerland is desirous of acquiring an interest therein and in the
letters Patent to be obtained thereof:

Now Therefore, be it known by all whom it may concern, that for and in consideration of one Dollar
(\$ 1.00) and other good and valuable consideration to us in hand paid, the receipt of which is hereby
acknowledged, we have assigned, sold and set over, and by these presents do assign, sell, and set over unto
the said HEPAR CHIMIE S.A.

for the territory of the United States of America and not elsewhere, the entire right,
title and interest in and to the said invention, and said application, prepared and executed by us
on July 25 19 78, filed Serial No.
preparatory to obtaining Letters Patent therefor; said invention, application and Letters Patent to be held and enjoyed by
the said HEPAR CHIMIE S.A.

as fully and entirely as the same would have been held by us had this assignment and sale not been made.
AND we hereby covenant and agree that we will at any time upon the request and at the
expense of said assignee execute and deliver any and all papers and do all lawful acts that may be necessary or desirable
to perfect the title to said invention and to obtain Letters Patent therefor, and we hereby authorize and request
the Commissioner of Patents to issue the said Letters Patent to the said HEPAR CHIMIE S.A.

in accordance with this assignment.

In Testimony Whereof, we hereunto set our hand at MILAN
State of ITALY this 25th day of July 19 78

Fernando Fussi
Gianfranco Fedeli